

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	ATTORNEY'S DOCKET NUMBER
PCT/JP2004/000491	21 January 2004	NIW-006US

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)
10/543039

PRIORITY DATE CLAIMED
23 January 2003

**TITLE OF INVENTION**

AGRICULTURAL AND HORTICULTURAL WATER DISPERSIBLE GRANULE

**APPLICANT(S) FOR DO/EO/US**

Takashi HIROKAWA et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4.  The US has been elected (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10.  An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A preliminary amendment.
14.  An Application Data Sheet under 37 CFR 1.76.
15.  A substitute specification.
16.  A power of attorney and/or change of address letter.
17.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.
18.  A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19.  A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/543039	INTERNATIONAL APPLICATION NO. PCT/JP2004/000491	ATTORNEY'S DOCKET NUMBER NIW-006US	
<p>20. <input checked="" type="checkbox"/> Other items or information: <b>Fee Transmittal</b>  <b>Petition for Extension of Time</b>  <b>Response to Notification of Missing Requirements</b>  <b>Copy of Notification of Missing Requirements</b>  <b>Certificate of Express Mail</b>  <b>Return Receipt Postcard</b></p>			
The following fees have been submitted		<b>CALCULATIONS</b>	
21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a)) ..... \$300		\$	
22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$0 All other situations ..... \$200		\$	
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority ..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB ..... \$400 All other situations ..... \$500		\$	
<b>TOTAL OF 21, 22 and 23 =</b>		\$ 0.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE
- 100 =	/50 =		\$ x \$250.00
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	- 20 =		x
Independent claims	- 3 =		x
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+
<b>TOTAL OF ABOVE CALCULATIONS =</b>		\$ 0.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.			
<b>SUBTOTAL =</b>		\$ 0.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		\$	
<b>TOTAL NATIONAL FEE =</b>		\$ 0.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		\$ +	
		\$	
<b>TOTAL FEES ENCLOSED =</b>		\$ 0.00	
		Amount to be refunded:	\$
		Amount to be charged	\$

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

a.  A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.

b.  Please charge my Deposit Account No. 12-0080 in the amount of \$ 0.00 to cover the above fees.

c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 12-0080.

d.  Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038

**NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.**

SEND ALL CORRESPONDENCE TO:

Anthony A. Laurentano  
LAHIVE & COCKFIELD, LLP  
28 State Street  
Boston, Massachusetts 02109  
(617) 227-7400

  
SIGNATURE

Danielle L. Herritt

NAME

CUSTOMER NUMBER: 00959

43,670  
REGISTRATION NUMBER

RECD PCT/PTO 14 FEB 2006

Express Mail Label No. EV 682 327 051 US Dated: February 14, 2006

Docket No.: NIW-006US  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Takashi Hirokawa *et al.*

Application No.: 10/543039

Confirmation No.: 7330

Filing Date of  
International Application: January 21, 2004

Art Unit: N/A

For: AGRICULTURAL AND HORTICULTURAL  
WATER DISPERSIBLE GRANULE

Examiner: Not Yet Assigned

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C.  
371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE**

MS PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notification of Missing Requirements Under 35 U.S.C. 371, mailed November 23, 2005, Applicants respectfully submit a Declaration, Petition and Power of Attorney, as well as a copy of the Notification of Missing Requirements.

Dated: February 14, 2006

Respectfully submitted,

By   
Danielle L. Herritt  
Registration No.: 43,670  
LAHIVE & COCKFIELD, LLP  
28 State Street  
Boston, Massachusetts 02109  
(617) 227-7400  
(617) 742-4214 (Fax)  
Attorney/Agent For Applicant



COPY

## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/543,039	Takashi Hirokawa	NIW-006US
		INTERNATIONAL APPLICATION NO.
		PCT/JP04/00491
		I.A. FILING DATE
		01/21/2004
		PRIORITY DATE
		01/23/2003

959  
 LAHIVE & COCKFIELD, LLP.  
 28 STATE STREET  
 BOSTON, MA 02109

ENTERED

DOCKETED  
*Jan 23, 2006 missing reg.*  
*due 23, 2006 Esp w/52 ext.*

CONFIRMATION NO. 7330  
 371 FORMALITIES LETTER  
  
 \*OC000000017508874\*

Date Mailed: 11/23/2005

## NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 07/21/2005
- English Translation of the IA filed on 07/21/2005
- Copy of the International Search Report filed on 07/21/2005
- Preliminary Amendments filed on 07/21/2005
- Information Disclosure Statements filed on 07/21/2005
- U.S. Basic National Fees filed on 07/21/2005
- Priority Documents filed on 07/21/2005
- Specification filed on 07/21/2005
- Claims filed on 07/21/2005
- Abstracts filed on 07/21/2005

RECEIVED LAHIVE & COCKFIELD DOCKET DEPT.
NOV 28 2005
<i>RETRIEVED 11/29 LT 12/5</i>
FORWARDED

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice MUST be returned with the response.*

VONDA M WALLACE

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Telephone: (703) 308-9140 EXT 225

PART 1 - ATTORNEY/APPLICANT COPY

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U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/543,039	PCT/JP04/00491	NIW-006US

FORM PCT/DO/EO/905 (371 Formalities Notice)

Rec'd PCT/PTO 14 FEB 2006

Application No. (if known): 10/543039

Attorney Docket No.: NIW-006US

## Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. **EV 682 327 051 US** in an envelope addressed to:

MS PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on February 14, 2006  
Date



Signature

Danielle L. Herritt

Typed or printed name of person signing Certificate

43,670  
Registration Number, if applicable

(617) 227-7400  
Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal Letter to the United States Designated-Elected Office (3 pages)

Fee Transmittal (1 page- in duplicate)

One Month Request for Extension of Time Under 37 CFR 1.136(a) (1 page)

Response To Notification of Missing Requirements Under 35 U.S.C. 371 In The United States Designated/Elected Office (1 page)

Declaration, Petition and Power of Attorney (4 pages)

Supplemental Application Data Sheet (3 pages)

Copy of Notification of Missing Requirements (2 pages)

Charge \$120.00 to deposit account 12-0080

Certificate of Express Mailing (1 page)

Return Receipt Postcard